



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Lloyd Industries, Inc.  
231 Commerce Drive  
Montgomeryville, PA 18936

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Model 2SRF and 2SRCF Aluminum Louvers

**APPROVAL DOCUMENT:** Drawing No. 2SRF-2SRCF, titled "Model 2-SRF/2-SRCF Louver", sheets 1 through 4 of 4, dated 10/07/2014, prepared by the manufacturer, signed and sealed by Richard Boyette, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Carlos M. Utrera, P.E.



*CFR*  
06/12/2015

NOA No. 14-1117.06  
Expiration Date: June 18, 2020  
Approval Date: June 18, 2015  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **2SRF-2SRCF**, titled "Model 2-SRF/2-SRCF Louver", sheets 1 through 4 of 4, dated 10/07/2014, prepared by the manufacturer, signed and sealed by Richard Boyette, P.E.

**B. TESTS**

1. Test report on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a 2-SRCF louver, prepared by Architectural Testing Inc., Test Report No. **D9464.01-109-18**, dated 10/01/2014, signed and sealed by Michael D. Stremmel, P.E.

**C. CALCULATIONS**

1. Anchors calculations issued by Richard Boyette, P.E., dated 11/02/2014, signed and sealed by Richard Boyette, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 and 5<sup>th</sup> edition (2014) FBC, dated 11/02/2014, issued, signed and sealed by Richard Boyette, P.E.
2. No financial interest letter dated 11/03/2014, issued, signed and sealed by Richard Boyette, P.E.



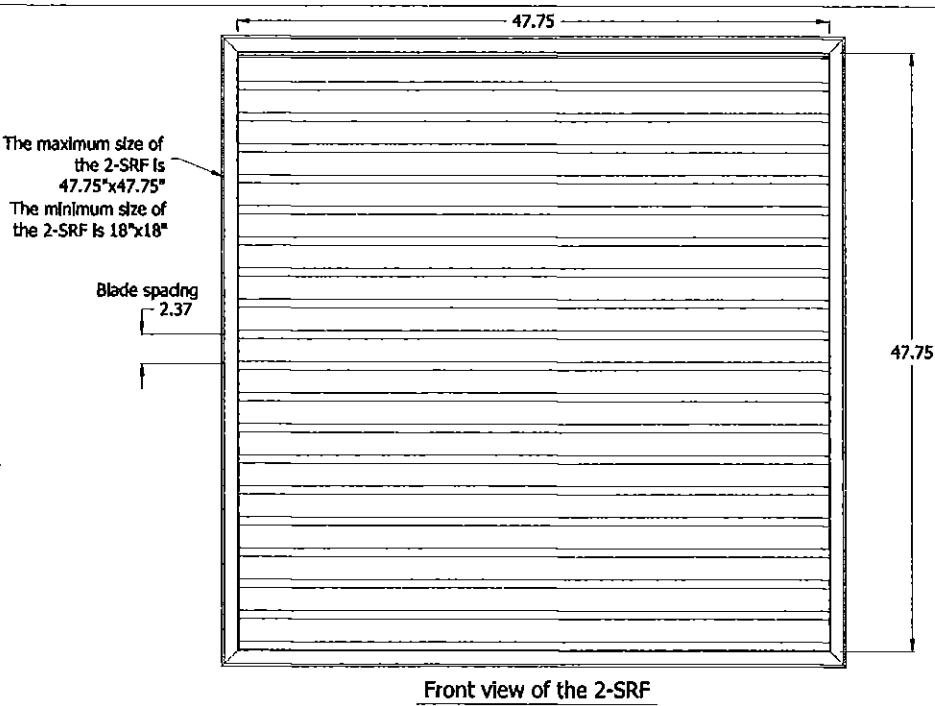
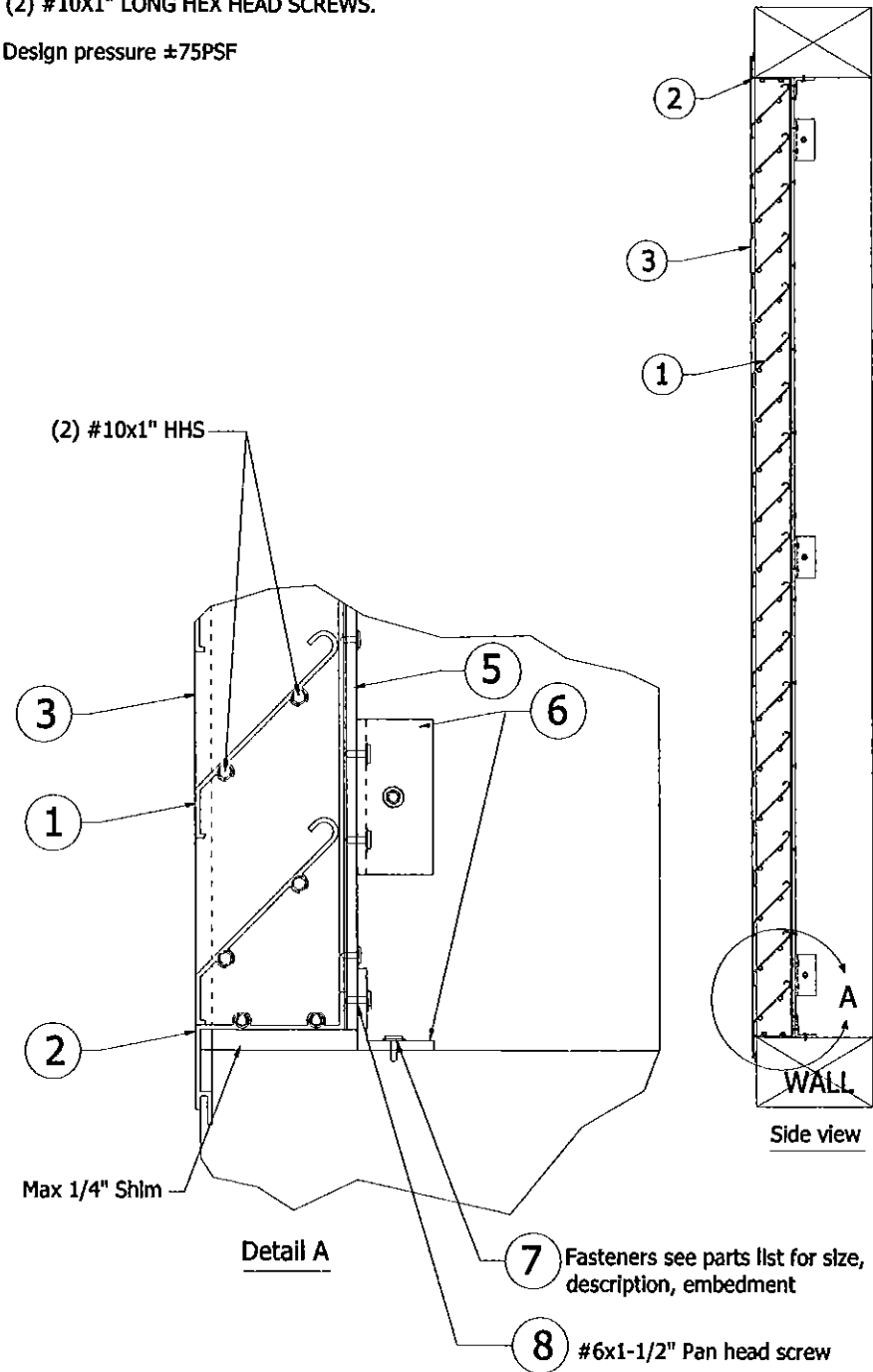
06/12/2015

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 14-1117.06  
Expiration Date: June 18, 2020  
Approval Date: June 18, 2015

PARTS LIST			
ITEM	QTY	PART	DESCRIPTION
1	20	Blade	0.062" Alloy Aluminum 6061-T6 Extrusion (Max QTY: 20)
2	2	Top and Sill	0.062" Alloy Aluminum 6061-T6 Extrusion
3	2	Side Frame	0.062" Alloy Aluminum 6061-T6 Extrusion
4	1	Screen	0.035" Thick Aluminum Wire
5	2	Back plate	1" x 1/8" x 47-3/4" Alloy Aluminum 6061-T6
6	12	Anchor Clip	1" x 1" x 3" x 0.09" Alloy Aluminum 6061-T6
7	SEE TABLE	#10x1-1/2" Pan head Screw #10-16 kwik-Flex SDS 1/4" x 2-1/2" Tapcon 1/4" x 2-3/4" Tapcon	PT 2x Wood Buck, 2" Edge Dist., 1-1/2" MIN Embed, SG 0.55 MIN 18g Steel, 1" Edge Dist., Full Pen. Grout Filled CMU, MIN 1-1/2" Embed Into Grout, 2" Edge Dist. MIN 2000 PSI Concrete, 1-1/2" Embed, 2" Edge Dist.
8	16-24	#6x1-1/2" Pan head Screw	

\* ALL FASTENERS ARE STAINLESS STEEL  
 \* ALL 4-SRF LOUVER CORNERS ARE MITERED-CUT, BUTLED AND SECURED WITH (2) #10X1" LONG HEX HEAD SCREWS.

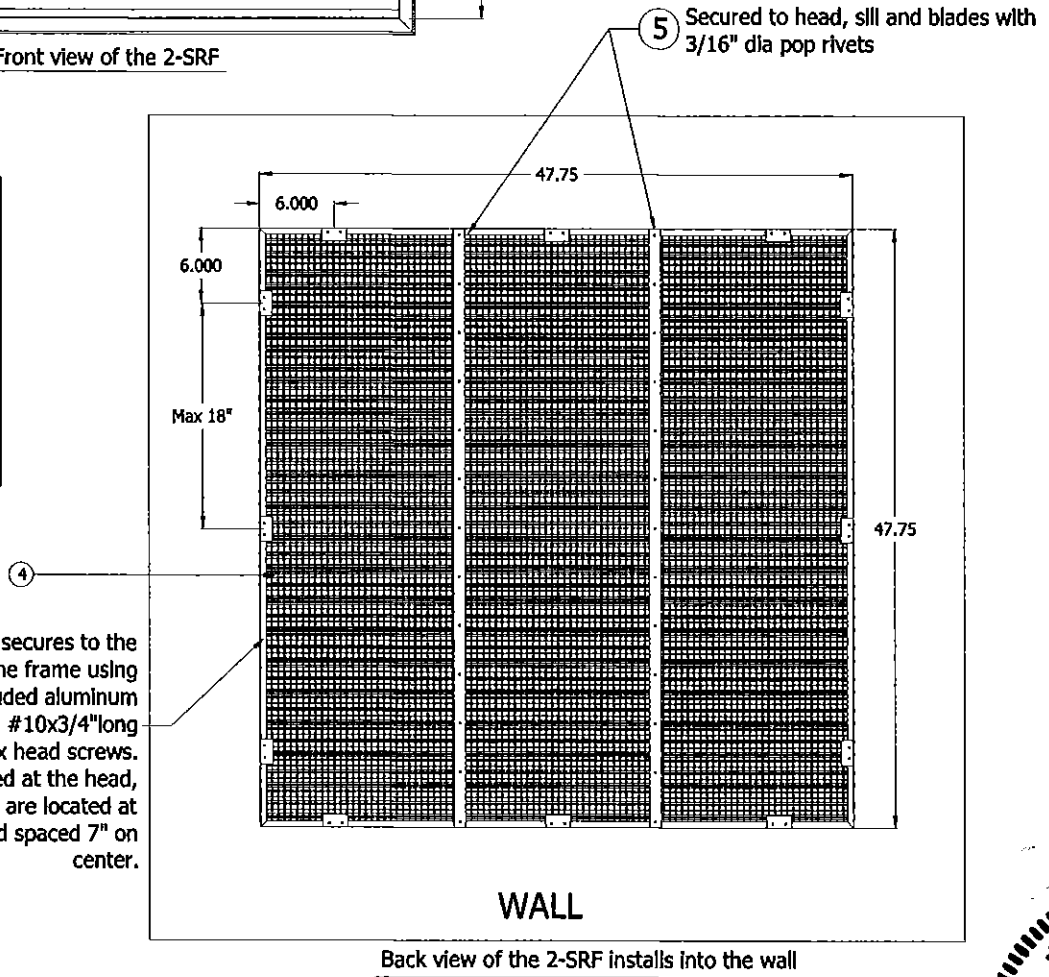
Design pressure ±75PSF



#### FASTENER QUANTITIES

MAX INSIDE DIMENSION L x W	NO. FASTENERS - SUBSTRATE TYPE		
	WOOD	CONC.	STEEL
18"x18"	8	8	8
24"x24"	8	8	8
30"x30"	12	12	12
36"x36"	12	12	12
42"x42"	12	12	12
48"x48"	12	12	12

FASTENER SPACING: 6" FROM CORNERS  
 MAX 18" O.C.



Approved as complying with the  
 Florida Building Code  
 Date 06/18/2015  
 NOAH 12-1117-06  
 Miami Design Product Control  
 By [Signature]



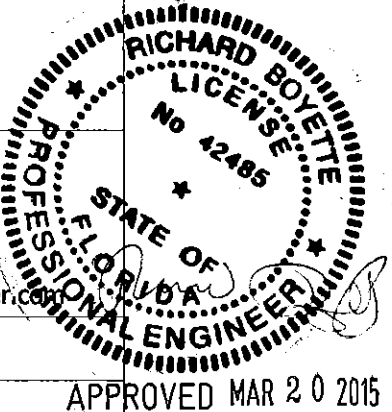
## LLOYD INDUSTRIES INC.

231 Commerce Drive, Montgomeryville, PA. 18936  
 Ph: 215.412.4445 fax: 215.412.4409

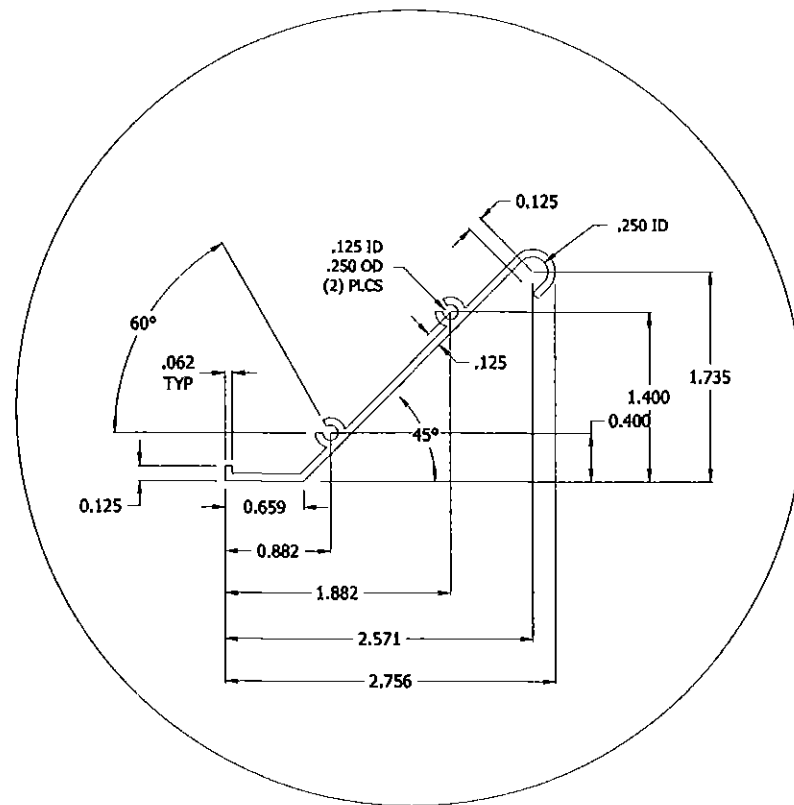
Email: lloydind@firedamper.com Web Site: firedamper.com

Richard Boyette  
 FL PE #42485  
 Rick Boyette Consulting Inc - CoA  
 #9707  
 4031 Coconut Blvd  
 Royal Palm Beach FL 33411  
 561-790-5766

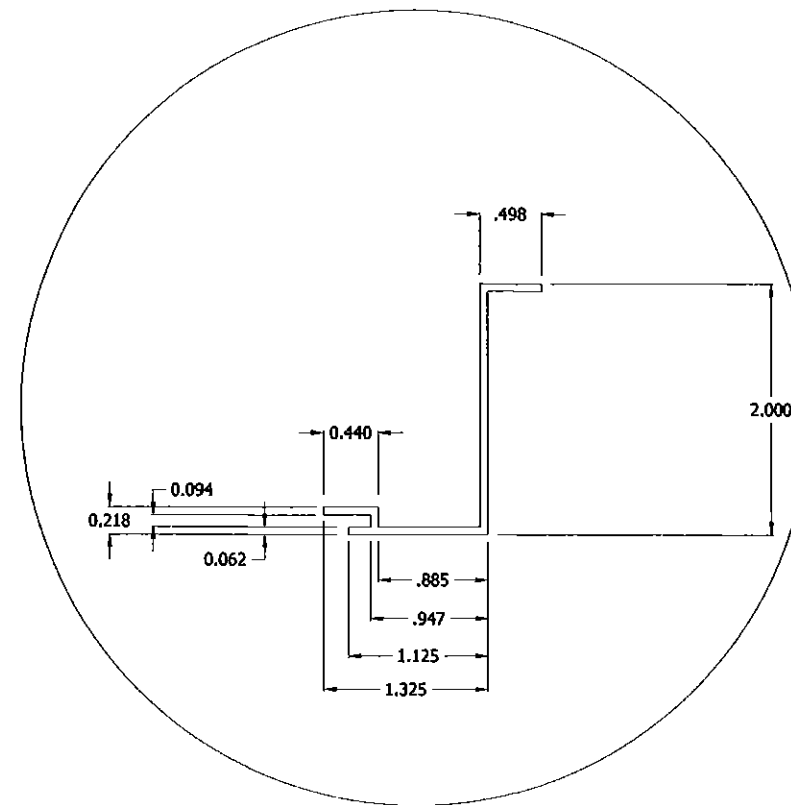
Description	IMPACT RESISTANT LOUVER	
Product#	Model 2-SRF	
Material	DWG NO.	2SRF - 2SRCF
Drawn By:	Date:	Sheet 1 of 4
C Chu	10/7/2014	



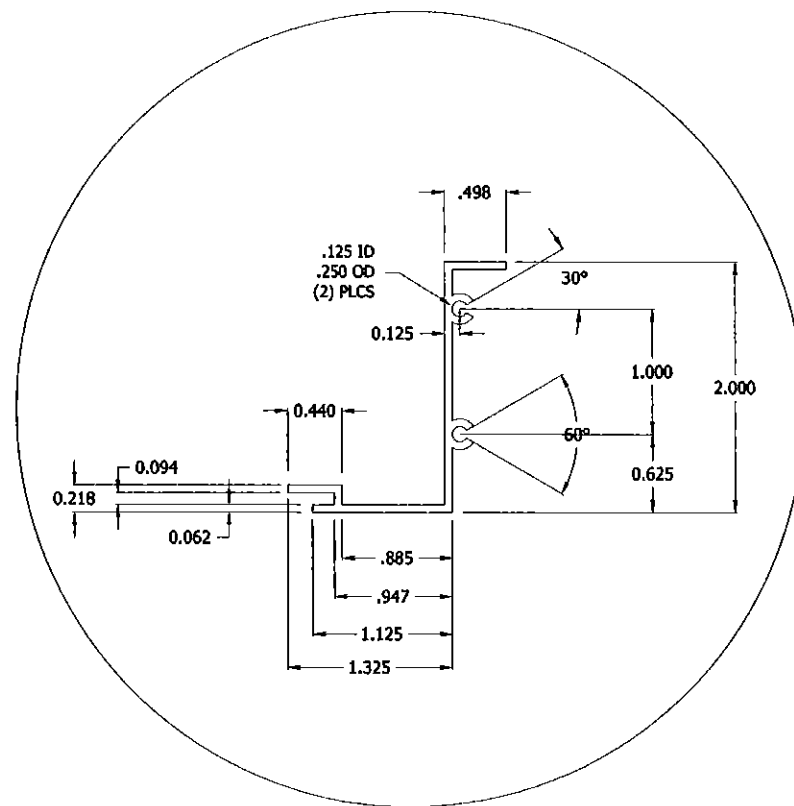
APPROVED MAR 20 2015



Detail Item 1



Detail Item 3



Detail Item 2

Note: These louver s have not been tested for water Infiltration per TAS 100(A) (Wind Driven Rain Resistance Test). They are to be installed in a location where the room behind the louver is designed to drain water penetrating into the room, and the room will house water resistant/water proof equipment, components, or supplies.

Approved as complying with the  
Florida Building Code  
Date 06/18/2015  
By NOAR 14-1117-06  
Miami Dept Product Control



## LLOYD INDUSTRIES INC.

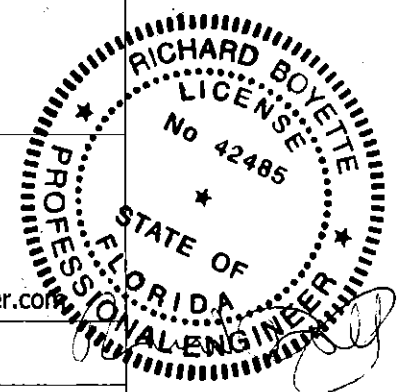
231 Commerce Drive, Montgomeryville, PA. 18936

Ph: 215.412.4445 fax: 215.412.4409

Email: lloydind@firedamper.com Web Site: firedamper.com

Richard Boyette  
FL PE #42485  
Rick Boyette Consulting Inc - CoA  
#9707  
4031 Coconut Blvd  
Royal Palm Beach FL 33411  
561-790-5766

Description IMPACT RESISTANT LOUVER	
Product# Model 2-SRF	
Material	DWG NO. 2SRF - 2SRCF
Drawn By: C Chu	Date: 10/7/2014
Sheet 2 of 4	

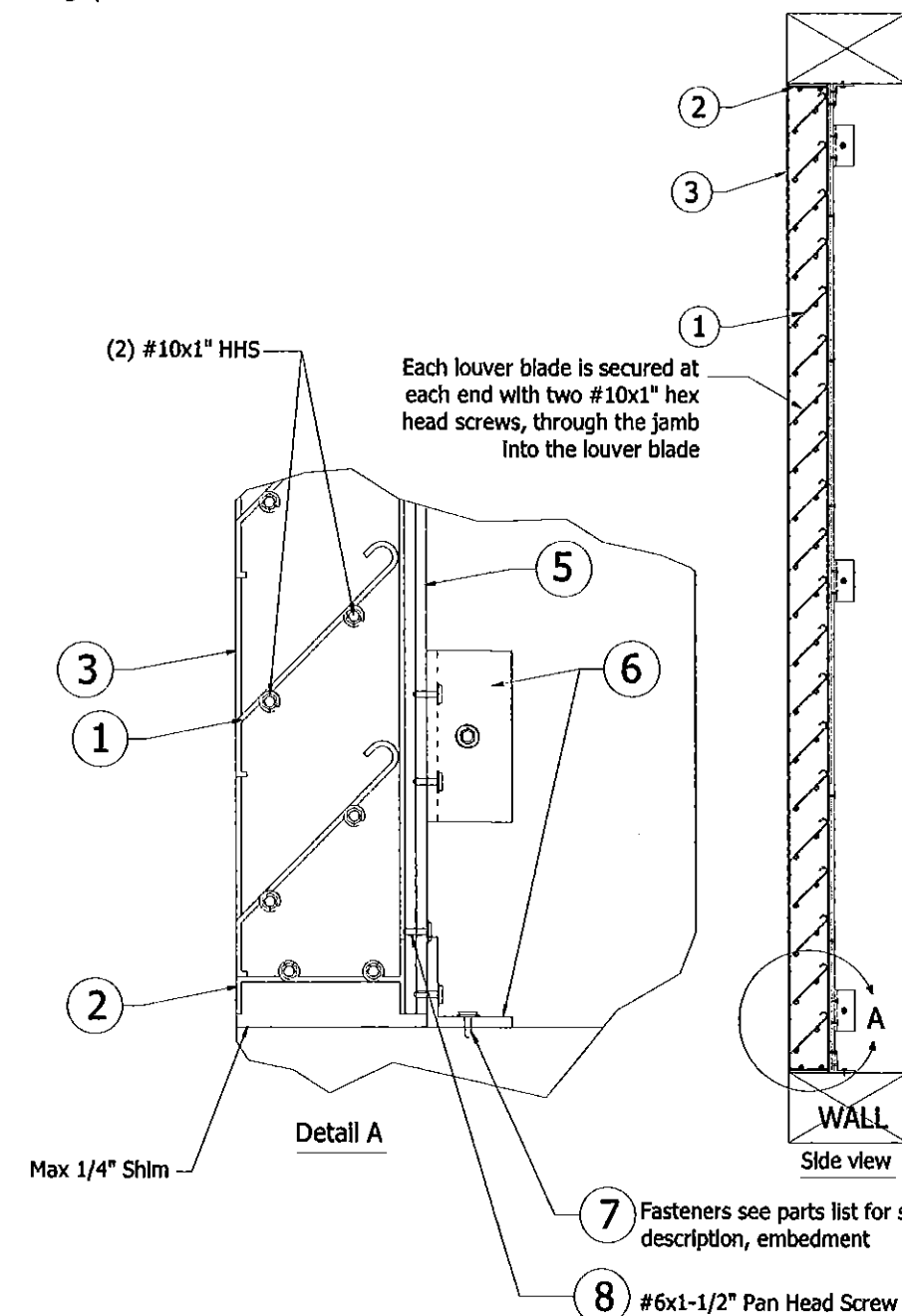


APPROVED MAR 20 2015

PARTS LIST			
ITEM	QTY	PART	DESCRIPTION
1	20	Blade	0.062" Alloy Aluminum 6061-T6 Extrusion (Max QTY: 20)
2	2	Top and Sill	0.062" Alloy Aluminum 6061-T6 Extrusion
3	2	Side Frame	0.062" Alloy Aluminum 6061-T6 Extrusion
4	1	Screen	0.035" Thick Aluminum Wire
5	2	Back plate	1" x 1/8" x 47-3/4" Alloy Aluminum 6061-T6
6	12	Anchor Clip	1" x 1" x 3" x0.09" Alloy Aluminum 6061-T6
7	SEE TABLE	#10X1-1/2" Pan Head Screw #10-16 kwik-Flex SDS 1/4" x 2-1/2" Tapcon 1/4" x 2-3/4" Tapcon	PT 2x Wood Buck, 2" Edge Dist., 1-1/2" MIN Embed, SG 0.55 MIN 18g Steel, 1" Edge Dist., Full Pen. Grout Filled CMU, MIN 1-1/2" Embed Into Grout, 2" Edge Dist. MIN 2000 PSI Concrete, 1-1/2" Embed, 2" Edge Dist.
8	8-12	#6X1-1/2" Pan head Screw	

\* ALL FASTENERS ARE STAINLESS STEEL  
 \* ALL 2-SRCF LOUVER CORNERS ARE SQUARE-CUT, BUTLED AND SECURED WITH (2) #10X1" LONG HEX HEAD SCREWS.

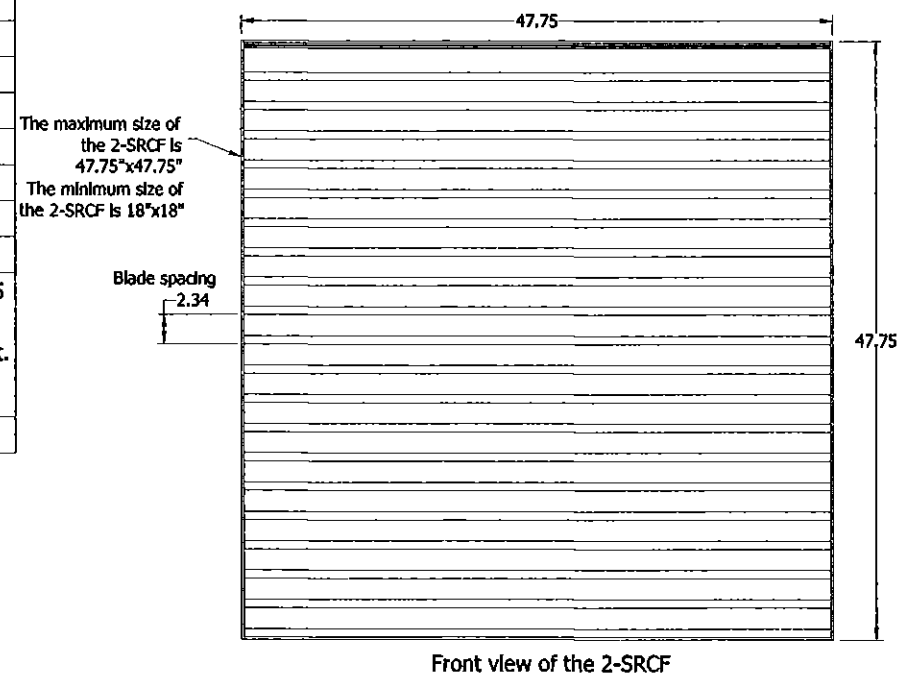
Design pressure ±75PSF



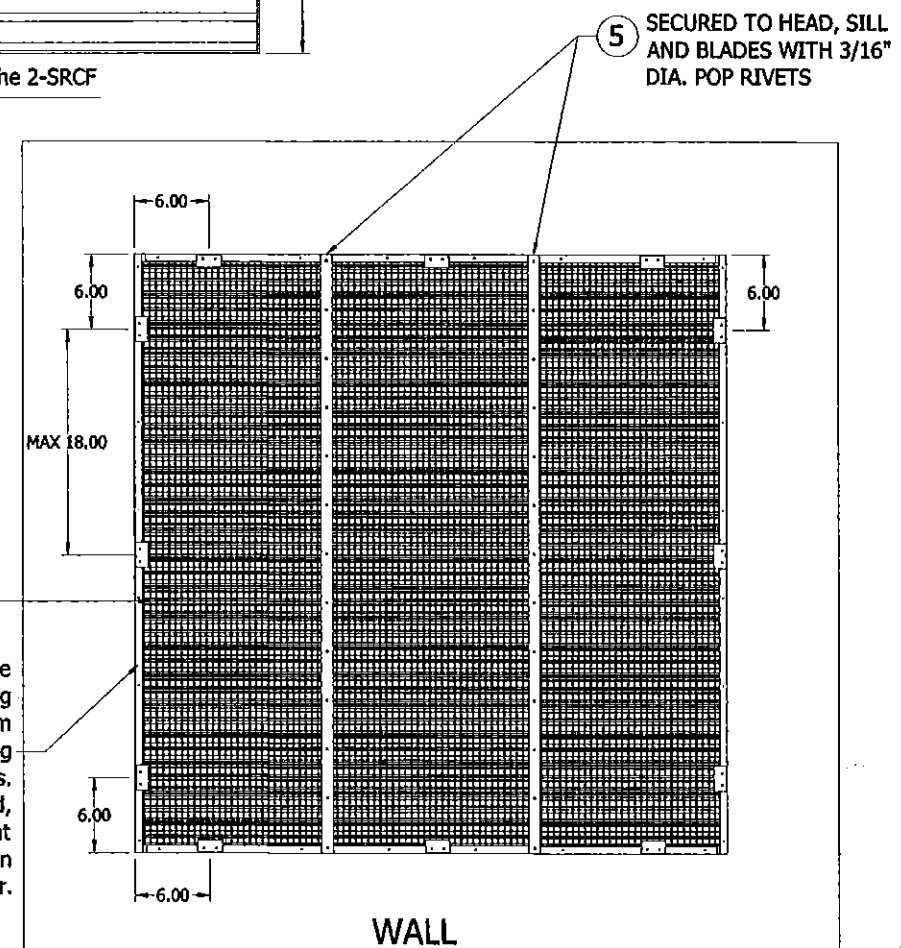
#### FASTENER QUANTITIES

MAX INSIDE DIMENSION L x W	NO. FASTENERS - SUBSTRATE TYPE		
	WOOD	CONC.	STEEL
18"x18"	8	8	8
24"x24"	8	8	8
30"x30"	12	12	12
36"x36"	12	12	12
42"x42"	12	12	12
48"x48"	12	12	12

FASTENER SPACING: 6" FROM CORNERS  
 MAX 18" O.C.



Front view of the 2-SRCF



Back view of the 2-SRCF installs into the wall

Approved as complying with the  
 Florida Building Code  
 Date: 06/18/2015  
 NOA# 14-1117.06  
 Miami Dade Product Control  
 By: [Signature]



## LLOYD INDUSTRIES INC.

231 Commerce Drive, Montgomeryville, PA. 18936

Ph: 215.412.4445 fax: 215.412.4409

Email: lloydind@firedamper.com Web Site: firedamper.com

Richard Boyette  
 FL PE #42485  
 Rick Boyette Consulting Inc - CoA  
 #9707  
 4031 Coconut Blvd  
 Royal Palm Beach FL 33411  
 561-790-5766

Description: IMPACT RESISTANT CHANNEL FRAME LOUVER

Product#: Model 2-SRCF

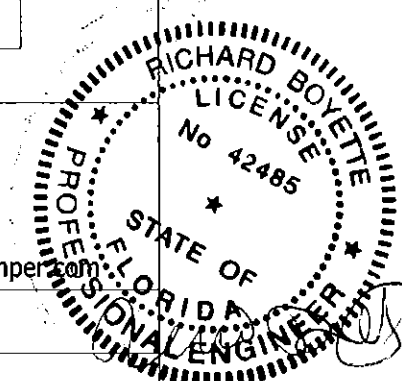
Material: 2SRCF

DWG NO. 2SRCF

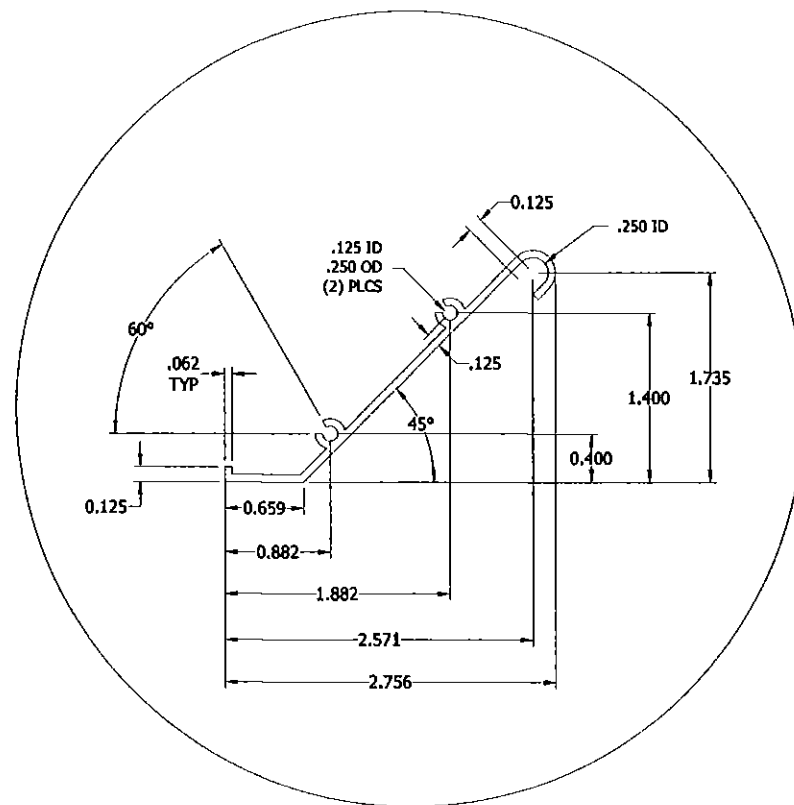
Drawn By: C Chu

Date: 10/7/2014

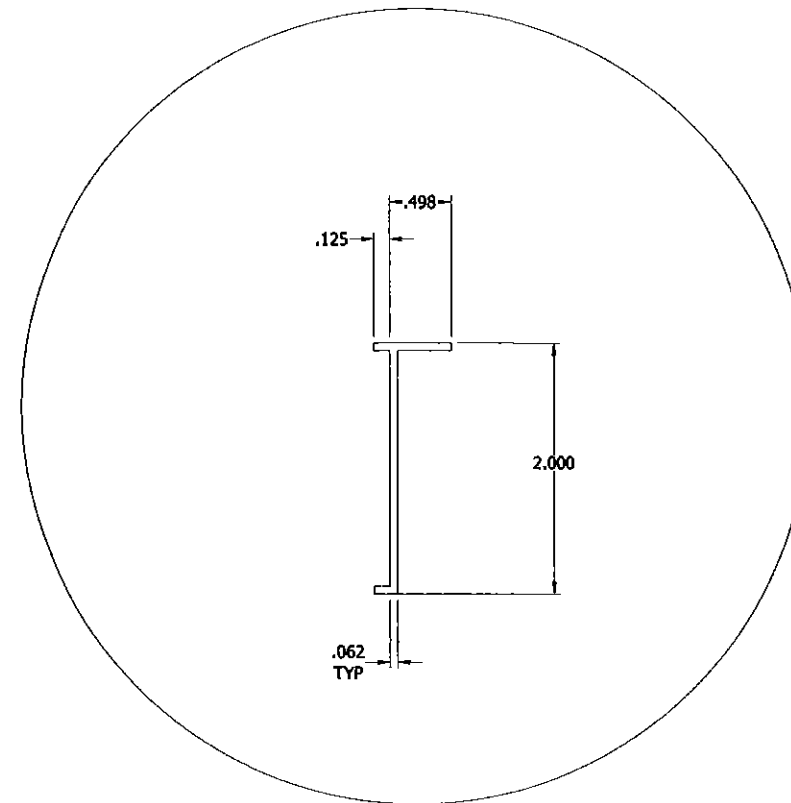
Sheet 3 of 4



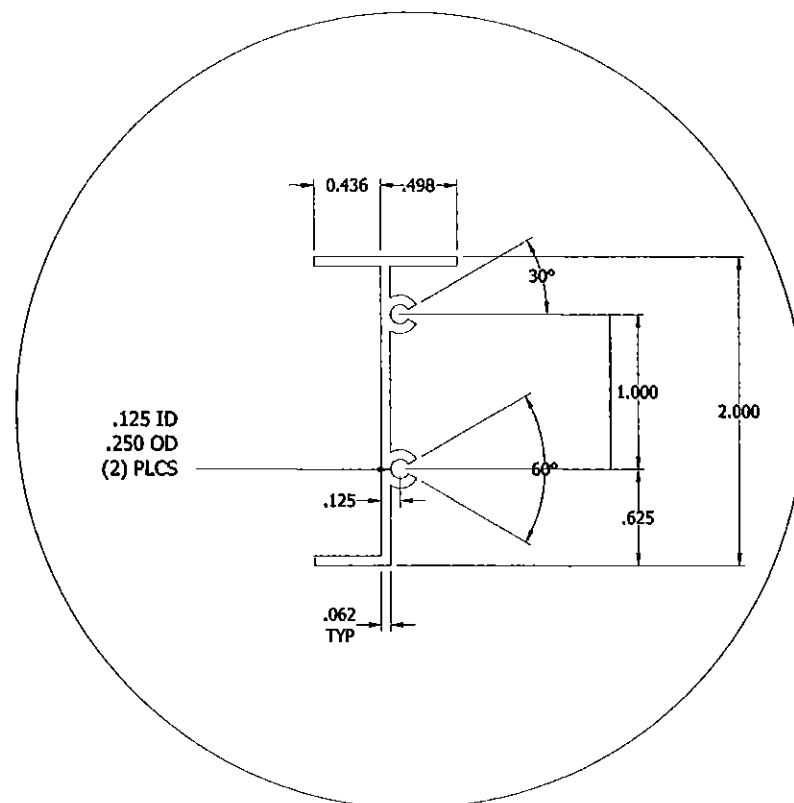
APPROVED MAR 20 2015



Detail Item 1



Detail Item 3



Detail Item 2

Note: These louver s have not been tested for water infiltration per TAS 100(A) (Wind Driven Rain Resistance Test). They are to be installed in a location where the room behind the louver is designed to drain water penetrating into the room, and the room will house water resistant/water proof equipment, components, or supplies.

Approved as complying with the  
Florida Building Code  
Date 06/18/2015  
NOA# 12-1117-06  
Miami Dept. Product Control

By [Signature]



## LLOYD INDUSTRIES INC.

231 Commerce Drive, Montgomeryville, PA. 18936

Ph: 215.412.4445 fax: 215.412.4409

Email: lloydind@firedamper.com Web Site: firedamper.com

Richard Boyette  
FL PE #42485  
Rick Boyette Consulting Inc - CoA  
#9707  
4031 Coconut Blvd  
Royal Palm Beach FL 33411  
561-790-5766

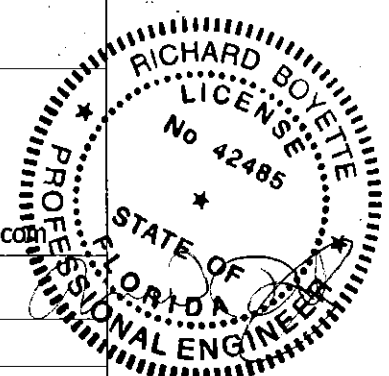
Description IMPACT RESISTANT CHANNEL FRAME LOUVER

Product# Model 2-SRCF

Material DWG NO.  
2SRCF

Drawn By: C Chu Date: 10/7/2014

Sheet 4 of 4



APPROVED MAR 20 2015